

Amendments to the Claims:

1-8. (Canceled)

9. (Currently Amended) An image controller allowing control of an image generation device capable of creating three-dimensional imagery, the image controller comprising:

a single input member capable of being manipulated in six degrees of freedom by a human hand to control movement of the three-dimensional imagery ~~in six degrees of freedom~~;

a circuit board having an upper surface and a lower surface;

a ~~first~~ proportional sensor located on ~~the upper surface of~~ the circuit board, the ~~first~~ proportional sensor indicates manipulation of the single input member;

a secondary input member capable of being controlled by the human hand to effect bidirectional movement of the three-dimensional imagery on at least one axis independent of the control of three-dimensional imagery by the single input member;

two additional sensors located on the upper surface of the circuit board, the two additional sensors indicate the bidirectional movement of the secondary input member;

one additional sensor located on the lower surface of the circuit board;

~~a second proportional sensor indicating rotation of the single input member;~~

two button sensors located on the upper surface of the circuit board control at least a volume function;

one button sensor located on the upper surface of the circuit board controls an ON/OFF function;

a transmitter allowing wireless communication of information from the controller to the image generation device, the information is useful to control the image generation device; and

a battery compartment adapted to hold a battery for powering the image controller.

10. (Currently Amended) The image controller of claim 9, wherein said ~~first~~ proportional sensor is of a capacitive type.

11. (Previously Presented) The image controller of claim 9, further comprising:
two button sensors located on the upper surface of the circuit board control channel switching.

12. (Currently Amended) An image controller allowing control of an image generation device, the image generation device capable of creating three-dimensional imagery, the image controller comprising:

a single input member capable of being manipulated in six degrees of freedom by a human hand to control movement of the three-dimensional imagery ~~in six degrees of freedom~~;

a circuit board;

a ~~first~~ proportional sensor communicates with ~~located on~~ the circuit board, the ~~first~~ proportional sensor indicates manipulation of the single input member;

a secondary input member capable of being controlled by the human hand to effect bidirectional control movement of ~~the three-dimensional~~ imagery ~~on at least one axis~~ independent of the control of the three-dimensional imagery by the single input member;

two secondary input member ~~additional~~ sensors communicate with ~~located on~~ the circuit board, the two secondary input member ~~additional~~ sensors indicate the bidirectional movement of the secondary input member;

two button sensors communicate with ~~located on~~ the circuit board to control at least a volume function;

one button sensor communicates with ~~located on~~ the circuit board to control ~~controls~~ an

ON/OFF function;

a transmitter allowing wireless communication of information from the controller to the image generation device; ~~the information is useful to control the image generation device~~; and
a battery compartment adapted to hold a battery for powering the image controller.

13. (Currently Amended) The image controller of claim 12, wherein said ~~first~~ proportional sensor is of a capacitive type.
14. (Currently Amended) The image controller of claim 12, further comprising:
two button sensors communicate with ~~located on~~ the circuit board to control channel switching.
15. (Previously Presented) The image controller of claim 13, further comprising:
a second proportional sensor indicating rotation of the single input member.
16. (New) The image controller of claim 9, wherein the single input member is manipulated relative to a reference member.
17. (New) The image controller of claim 11, wherein the single input member is manipulated relative to a reference member.
18. (New) The image controller of claim 12, wherein the single input member is manipulated relative to a reference member.
19. (New) The image controller of claim 13, wherein the single input member is manipulated relative to a reference member.